

light beam deflector assembly that is includable in the fiber optic
5 switching module, positionable along the optical path, and also
free of light beam deflectors.

37. (Amended) The light beam deflector assembly of claim 35
wherein the integrated circuits include amplifiers that receive
electrical signals which indicate light beam deflector orientation.

38. (Amended) The light beam deflector assembly of claim 37
wherein each light beam deflector fixed to said substrate (212) is
supported for rotation by hinges which include at least one torsion
sensor for sensing light beam deflector orientation, the torsion
5 sensors of said light beam deflectors supplying the electrical
signals to at least one amplifier included in the light beam
deflector assembly.

3 43. (Amended) The light beam deflector assembly of claim 42
wherein an edge of the light beam deflector assembly that is free
of light beam deflectors is juxtaposable with an edge of another
light beam deflector assembly that is includable in the fiber optic
5 switching module, positionable along the optical path, and also
free of light beam deflectors.

4 73. (Amended) The flip-chip light beam deflector assembly of
claim 71 wherein the integrated circuit includes an amplifier that

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receives an electrical signal which indicates light beam deflector orientation.

74. (Amended) The flip-chip light beam deflector assembly of claim 73 wherein said light beam deflector fixed to said substrate (212) is supported for rotation by hinges which include at least one torsion sensor for sensing light beam deflector orientation,
5 the torsion sensor of said light beam deflector supplying the electrical signal to at least one amplifier.

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